

Date Searched: 10/6/2006

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 L1 (arc or branch or vector or edge or line) same (point or node)
L2 (shape or geometry or feature or triangle or rectangle or pentagon or region or area or subarea or sub-area or subregion or sub-region or octagon or hexagon) same 1 same (cross\$3 or intersect\$4 or (pass\$3 adj2 (through or across)))
L3 (domain or cover\$3 or group\$3 or cluster\$8 or partition\$3) same 1
L4 absorb\$3 or absorption or penetrat\$4
L5 reflect\$4 or scatter\$3
L6 transmission or transmit\$4 or (pass\$3 adj2 through)
L7 5 same 3
L8 6 same 3
L9 7 same 3
L10 2 and 7 and 8 and 9 and @pd>"20060623"

Results: 0 hit

L13 (minority adj2 carrier) or electron

L14 13 same 2

L15 10 and 14

Results: 0 hits

L16 2 and (8 or 9 or 7)

L17 14 and 16

L16 (domain or cover\$3 or group\$3 or cluster\$8 or partition\$3) same (point or node) same current

L17 11 and 2 and 3 and 16 and @pd>20060623

Results: 9 hits

L18 17 and 7 and 8 and 9

Results: 0 hit

L19 (minority adj3 carrier) or (electron adj2 flow\$3) or current

L20 4 same 5 same 6 same 19

L21 11 and 20

Results: 1 hit

US 7096174 B2

USPAT Beattie; Michael W. et al.

703/14

US 7103487 B2

USPAT Roach; Steven D.

702/64

****Interference Search****

Database Searched: USPGPUB

Plurals: ON

Terms Searched:

L1 (((arc or branch or vector or edge or line) near15 (point or node) near15 (shape or geometry or feature or triangle or rectangle or pentagon or region or area or subarea or sub-area or subregion or sub-region or octagon or hexagon) near15 (cross\$3 or intersect\$4 or (pass\$3 adj2 (through or across)))) and (domain or cover\$3 or group\$3 or cluster\$8 or partition\$3) and (absorb\$3 or absorption or penetrat\$4) and (reflect\$4 or scatter\$3) and (transmission or transmit\$4 or (pass\$3 adj2 through))).clm.

Results: 4 hits

Date Searched: 6/23/2006

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

- L1 (arc or branch or vector or edge or line) same (point or node)
- L2 (shape or geometry or feature or triangle or rectangle or pentagon or region or area or subarea or sub-area or subregion or sub-region or octagon or hexagon) same 1 same (cross\$3 or intersect\$4 or (pass\$3 adj2 (through or across)))
- L3 (domain or cover\$3 or group\$3 or cluster\$8 or partition\$3) same 1
- L4 absorb\$3 or absorption or penetrat\$4
- L5 reflect\$4 or scatter\$3
- L6 transmission or transmit\$4 or (pass\$3 adj2 through)
- L7 5 same 3
- L8 6 same 3
- L9 7 same 3
- L10 2 and 7 and 8 and 9

Results: 54 hits

- L11 716/1-21.ccls. or 702/66-79.ccls. or 324/765-769,612-646.ccls. or 703/2,14-16.ccls.
- L12 10 and 11

Results: 2 hits

- L13 (minority adj2 carrier) or electron
- L14 13 same 2
- L15 10 and 14

Results: 2 hits

- L16 2 and (8 or 9 or 7)
- L17 14 and 16

Results: 74 hits

- L16 (domain or cover\$3 or group\$3 or cluster\$8 or partition\$3) same (point or node) same current
- L17 11 and 2 and 3 and 16

Results: 64 hits

- L18 17 and 7 and 8 and 9

Results: 2 hits

- L19 (minority adj3 carrier) or (electron adj2 flow\$3) or current
- L20 4 same 5 same 6 same 19
- L21 11 and 20

Results: 22 hits

Databases Searched: EPO, JPO, IBM TDB, Derwent

Plurals: ON

Terms Searched:

- L1 (arc or branch or vector or edge or line) same (point or node)
- L2 (shape or geometry or feature or triangle or rectangle or pentagon or region or area or subarea or sub-area or subregion or sub-region or octagon or hexagon) same 1 same (cross\$3 or intersect\$4 or (pass\$3 adj2 (through or across)))
- L3 (domain or cover\$3 or group\$3 or cluster\$8 or partition\$3) same 1
- L4 absorb\$3 or absorption or penetrat\$4
- L5 reflect\$4 or scatter\$3
- L6 transmission or transmit\$4 or (pass\$3 adj2 through)
- L7 2 and 3 and 4 and 5 and 6

Results: 4 hits

- L8 (minority adj3 carrier) or electron
- L9 2 and 3 and 8

Results: 25 hits

L10 current

L11 2 and 3 and 10

Results: 95 hits

L12 (4 or 5 or 6) and 11

Results: 35 hits

L13 (minority adj3 carrier) or (electron adj2 flow\$3) or current

L14 4 same 5 same 6 same 13

Results: 225 hits

L15 14 and g06f\$.ipc.

Results: 2 hits

L16 (IBM TDB only) 4 same 5 same 6 same 13

Results: 49 hits

Database Searched: IEE/IEEE Xplore

Terms Searched: (arc or branch or vector or edge or line) and (point or node) and (shape or geometry or feature or triangle or rectangle or pentagon or region or area or subarea or sub-area or subregion or sub-region or octagon or hexagon) and (cross* or intersect* or (pass* <near/2> (through or across))) and (domain or cover* or group* or cluster* or partition*) and (absorb* or absorption or penetrat*) and (reflect* or scatter*) and (transmission or transmit* or (pass* <near/2> through))

Results: Your search matched **1** of **1360403** documents

Terms Searched: (arc or branch or vector or edge or line) and (point or node) and (shape or geometry or feature or triangle or rectangle or pentagon or region or area or subarea or sub-area or subregion or sub-region or octagon or hexagon) and (cross* or intersect* or (pass* <near/2> (through or across))) and (domain or cover* or group* or cluster* or partition*) and ((minority <near/3> carrier) or (electron <near/3> flow*) or current)

Results: Your search matched **18** of **1360403** documents

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L30	4	(((arc or branch or vector or edge or line) near15 (point or node) near15 (shape or geometry or feature or triangle or rectangle or pentagon or region or area or subarea or sub-area or subregion or sub-region or octagon or hexagon) near15 (cross\$3 or intersect\$4 or (pass\$3 adj2 (through or across)))) and (domain or cover\$3 or group\$3 or cluster\$8 or partition\$3) and (absorb\$3 or absorption or penetrat\$4) and (reflect\$4 or scatter\$3) and (transmission or transmit\$4 or (pass\$3 adj2 through))). clm.	US-PGPUB	OR	ON	2006/10/06 17:34